



#4

PATENT

Attorney Docket No. UM-06105

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Julia R. Richards *et al.*

Serial No.: 09/844,653

Group No.:

Filed: 04/27/01

Examiner:

Entitled: **Detecting And Treating Eye Disease****AMENDMENT IN RESPONSE TO NOTICE TO FILE  
MISSING PARTS OF NONPROVISIONAL  
APPLICATION MAILED 07/20/01**Assistant Commissioner for Patents  
Washington, D.C. 20231

<b>CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)</b>	
I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.	
Dated: <u>8-2-01</u>	By: <u>Mary Ellen Waite</u> Mary Ellen Waite

Sir or Madam:

This is responsive to the Notice to File Missing Parts Of Nonprovisional Application mailed on 07/20/2001 regarding a "NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES," setting a two month period for a response.

Instructions to amend the specification, and replacement or added paragraphs in clean form pursuant to 37 C.F.R. §1.121(b), and a clean version of the rewritten, added, and/or cancelled claims with instructions for entry pursuant to 37 C.F.R. §1.121 (c)(1)(i) is included beginning on page 2 of this communication. A marked-up version of the specification's replacement paragraphs pursuant to 37 C.F.R. §1.121(b) is attached as Appendix I.

**CLEAN VERSION OF REPLACEMENT PARAGRAPHS IN THE SPECIFICATION**  
**PURSUANT TO 37 C.F.R. §1.121(b) AND OF REWRITTEN, ADDED, AND/OR**  
**CANCELLED CLAIMS PURSUANT TO 37 C.F.R. §1.121 (c)(1)(i)**

**IN THE SPECIFICATION**

Please replace the paragraph on page 77, lines 26-28, with the following text:

**Exon 6**

A1  
Exon 6-Forward                      GAAGAAACCGGAGTACTAGTAC                      SEQ ID NO:64  
Exon 6-Reverse                      GTACTAGTACTCCGGTTTCTTC                      SEQ ID NO:65

Please replace the paragraph on page 84, lines 5-7, with the following text:

**Primers located in introns that amplify Exon 4 from genomic DNA (5' to 3')**

A2  
Intron 4-Forward                      GCATTCCATTGTTGGTGAAAAAT                      SEQ ID NO:150  
Intron 4-Reverse                      TGAAAGTGATCACAGCAAACC                      SEQ ID NO:151

Please replace the headings on page 86, with the following text:

A3  

<u>Exons included</u>	<u>Primers</u>	<u>Sequence</u>	<u>SEQ ID NO:</u>
-----------------------	----------------	-----------------	-------------------

**IN THE SPECIFICATION**

Please insert the attached Sequence Listing as new pages --100-404--.

**IN THE CLAIMS**

Please renumber the Claims pages from pages "100-102" to --405-407--.

**IN THE ABSTRACT:**

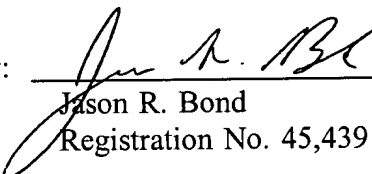
Please renumber the Abstract page from page "103" to --408--.



**R E M A R K S**

Applicants submit this Amendment and Response to provide as a separate part of the disclosure, a "Sequence Listing" pursuant to 37 C.F.R. §§ 1.821-1.825. Applicants submit herewith in paper copy and on floppy disk the Sequence Listing in computer readable form. The contents of the paper and computer readable copies are the same and include no new matter.

Dated: 8-2-01

By:   
Jason R. Bond  
Registration No. 45,439

MEDLEN & CARROLL, LLP  
220 Montgomery Street, Suite 2200  
San Francisco, California 94104  
415.705.8410